

AddChem F1[®]



Description

AddChem F1[®] is a Super-plasticizing workability retention admixture based on selected organic polymers.

Advantages

- Early strength, high workability concrete to be produced at normal cement contents.
- Chloride-free, safe for use in prestressed and reinforced concrete.
- Can be used to produce virtually self-compacting, flowing concrete which requires little vibration.
- High reduction in water: cement ratio provides high early strength concrete.

USES

- AddChem F1** is ideal to:
- Provide excellent acceleration of strength gain at early ages.
 - Improve the workability of site mixed concrete without increasing water demand.
 - Be used for pre-cast concrete.
 - Provide improved durability by increasing ultimate strengths and reducing concrete permeability.

Technical Properties

Density	1.2 ± 0.02 Kg/liter at 20 °C.
Base	Modified selected materials.
Chloride content	Nil.
Appearance	Brown liquid.
Compatibility	Compatible with all types of Portland cements and cement replacement materials.
Toxicity	Non Toxic.

Standards Compliance

- ASTM C-494 (type A and F)
- BS 5075 Part 3

Packaging

AddChem F1 is available in IBC and other pack size.

AddChem F1[®]



Dosage

AddChem F1 is formulated to produce normal-setting characteristics throughout its recommended dosage range so the optimum dosage for AddChem F1 should be determined in trial mixes as a guide, the following dosages are recommended as a starting point for any trial. In normal concrete a dosage of between (0.6 -2.8) liter /100kg total cementations material.

Shelf Life

Shelf life is up to 12 months when stored as per recommendations.

Warehouse Conditions

AddChem F1 store in normal temperature and closed shaded dry area in undamaged original packing.

Technical support

For any technical support, please contact iChem technical office or representatives.

Quality, Enviromental& HS

All products manufactured by iChemEG, or imported from iChemEG affiliate companies worldwide, are manufactured to procedures certified to conform to the quality, environment, health & safety management systems.

